

Date: Wed, 6 Oct 93 04:30:28 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #66
To: Ham-Homebrew

Ham-Homebrew Digest Wed, 6 Oct 93 Volume 93 : Issue 66

Today's Topics:

aaaaaaaaarrrrrggggghhhh! (3 msgs)
CMOS Logic <-> RS232? (2 msgs)
Where do you get a 2N269 (2 msgs)

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 Oct 93 18:54:09 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!darwin.sura.net!dtix.dt.navy.mil!oasys!
kstuart@network.ucsd.edu
Subject: aaaaaaaaaarrrrrggggghhhh!
To: ham-homebrew@ucsd.edu

Well, I guess it's "CONFESSION IS GOOD FOR THE SOUL" time.

I enjoy sleeping in the dark.

One night I was lying awake, and when I looked over at my operating
table / workbench, I saw a faint deep red glow.

Wondering what it was, I got out of bed and sauntered over to the rigs.
The glow seemed to be atop the receiver (this was back in the old days),
and was about a half inch in length and about a quarter inch in width.

Not bothering to turn on the light, I reached out for the unknown source
of the glow and lifted it off of the receiver.

I believe the finger prints of my index finger and thumb still grace the metal barrel of that Ungar soldering pencil, which I had forgotten to unplug before I went to bed. &*&%\$#^%* YIPES!!!!!!!!!!

Ken (more cautious, now) Stuart, W3VVN

Date: 5 Oct 93 15:47:16 GMT
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: aaaaaaaaarrrrrgggghhhh!
To: ham-homebrew@ucsd.edu

In article <4608@eram.esi.COM.AU> dave@esi.COM.AU (Dave Horsfall) writes:
>

>Try soldering 8 or so wires to a mic connector, then notice you've
>forgotten to first slip on the locking ring... That was three years
>ago, and I can't be bothered fixing it.

Ha! I can beat that. Try putting a connector on TV81 and forgetting the shell. That's 81 tiny wires, including several tiny coaxes. I hacksawed the shell, put it on and brazed it back together. :-)

Gary

--
Gary Coffman KE4ZV |"If 10% is good enough | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | for Jesus, it's good | uunet!rsiatl!ke4zv!gary
534 Shannon Way | enough for Uncle Sam."| emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | -Ray Stevens |

Date: 4 Oct 93 20:52:56 GMT
From: ogicse!emory!dragon!nj8j!ben@network.ucsd.edu
Subject: aaaaaaaaarrrrrgggghhhh!
To: ham-homebrew@ucsd.edu

wa2ise@netcom.com (Robert Casey) writes:

> >I solder the new jack to the end of the cord. Beautiful job. Never done
> > better.
> >Then I discover that I forgot to slip the little cover that is supposed to g
> >put over the connections onto the cord first. Why can't I remember?
>
> Think it might be a requirement by the FCC that every ham must make this
> mistake at least once in his career. :-)

What's really embarrassing is when you do this twice....with the same
cord....on the same end(in the same work session :-)

Ben

```
+-----+-----+
| Ben Coleman NJ8J | "All that is not eternal is |
| AX.25: NJ8J@W4Q0.#EAL.#ATL.GA.USA.NA | eternally out of date." |
| Internet: ben@nj8j.atl.ga.us | C. S. Lewis |
+-----+-----+
```

Date: 5 Oct 93 03:27:47 GMT
From: swrinde!sdd.hp.com!caen!nic.umass.edu!noc.near.net!transfer.stratus.com!
jjmhome!schunix!ksr@network.ucsd.edu
Subject: CMOS Logic <-> RS232?
To: ham-homebrew@ucsd.edu

Does anyone have a reasonably simple circuit for connecting a serial data
connection at CMOS logic levels to an RS232 port? Specifically, the
Yaesu FT411 "cloning" connection operates at CMOS levels, and I'd really
like to be able to dump the 411 memory to a PC, modify the data, and
squirt it back to the 411.

Thanks, Kevin WA1KLN

Date: 5 Oct 1993 13:17:00 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!howland.reston.ans.net!agate!
msuinfo!lassini@network.ucsd.edu
Subject: CMOS Logic <-> RS232?
To: ham-homebrew@ucsd.edu

ksr@schunix.dmc.com (ksr) writes:

>Does anyone have a reasonably simple circuit for connecting a serial data
>connection at CMOS logic levels to an RS232 port? Specifically, the
>Yaesu FT411 "cloning" connection operates at CMOS levels, and I'd really
>like to be able to dump the 411 memory to a PC, modify the data, and
>squirt it back to the 411.

>Thanks, Kevin WA1KLN

Take a look to the Maxim 232/233 chip - It includes all you need to drive
a serial port conforming to eia/rs-232 with a single 5 volts power supply

and 3 external caps [for the 232] or no external parts at all [for the 233].

You can request data sheets [and sometinmes samples] directly from Maxim.
their phone # is (408)737-7194.

I am not affiliated with maxim in any way --- I just love their products!!

Sam N8USY

Date: 4 Oct 1993 21:31:52 GMT
From: olivea!korie!newscast.West.Sun.COM!abyss.West.Sun.COM!sunspot!
myers@uunet.uu.net
Subject: Where do you get a 2N269
To: ham-homebrew@ucsd.edu

In article <28pic3INNr9i@abyss.West.Sun.COM> myers@sunspot.West.Sun.COM (Dana Myers) writes:

>
>Another recommendation: The ARRL "QRP Notebook", either edition. Very
>good, worth buying.
>

Oops! I meant to say the ARRL "QRP Classics". Very good...

--
* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are
*
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 4 Oct 1993 16:18:11 GMT
From: olivea!korie!newscast.West.Sun.COM!abyss.West.Sun.COM!sunspot!
myers@uunet.uu.net
Subject: Where do you get a 2N269
To: ham-homebrew@ucsd.edu

In article <749703671.AA05219@tdkt.kksys.com>
John.Seboldt@f31.n282.z1.tdkt.kksys.com (John Seboldt) writes:
>On 09-24-93, Dana Myers wrote to All:
>

>>Where did you find these transistors? The number is extremely old, and
>>I don't know where to find them.
>
>No doubt you have to resort to the NTE, ECG, etc. replacement
>semiconductor line. The 2N269 is cross-referenced to an NTE160 -- a
>germanium PNP device!

Yup, I know.

>But why bother? For an 80m circuit, there are plenty of similar circuits
>using standard 2N2222 class devices. Check out Doug DeMaw's "QRP
>Notebook" from ARRL, for example. Unless, like the antique radio
>afficionados, you want to "get historic..."

My point exactly. I didn't want Jeff to think I was attacking him,
but I really don't see the point in posting circuits from a book 25
years old (for which the parts are difficult to obtain) to the net.

Perhaps Jeff would like to offer suggestions on substitution for the
obsolete parts, but that wasn't there.

There are numerous modern circuits which use common and readily available
components, like 2N2222A and IRF511 transistors, but I don't see the point
in making ASCII art of the circuit diagrams when you can easily obtain
the entire articles, complete with circuit diagrams, notes and sources
for parts, at your local library.

Another recommendation: The ARRL "QRP Notebook", either edition. Very
good, worth buying.

--

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are
*
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 5 Oct 93 07:00:20 GMT
From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!xlink.net!fauern!
rz.unibw-muenchen.de!claudio@network.ucsd.edu
To: ham-homebrew@ucsd.edu

References <27smfj\$q17@newscast.west.sun.com>, <28215u\$2c1@hpscit.sc.hp.com>,
<289mpl\$buf@newscast.West.Sun.COM>
Subject : Re: Anyone interested in discussing PLL synt

Please give me some recommendations for a design

covering all the amateur bands from 160 to 10 meters,
having an unique frequency standard,
having a frequency step in the order of 10 Hz.

It would be fine if the nominal frequency could be selected using
a commonly used encoding like BCD.

Thanks in advance.

Claude

--

Claude F.

This message may contain opinions which are not shared by my employer.
The facts can speak for themselves.

End of Ham-Homebrew Digest V93 #66
